



HF Happenings 378

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HF Happenings via Yahoo Groups HF_Happenings-subscribe@yahoogroups.com

South African Radio League Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union Region 1

2010 SARL Contest Manual

Work on the 2010 SARL Contest Manual has started. Input from radio clubs and individual radio amateurs is invited for the 2010 contests.

Suggestions for new contests, possible changes to existing contests and radio clubs wanting to host contests are required. Send your submission to hfcontests@netactive.co.za by Sunday 15 November 2009.

George Smith, AA2EJ, wins Nobel Prize

Radio Amateur George Smith, AA2EJ, was awarded the Nobel Prize in Physics for the invention of an imaging semiconductor circuit - the CCD sensor.

The ARRL reports that "Around 5:30 on the morning of 6 October, George E. Smith, AA2EJ, of Barnegat, New Jersey, got a phone call that changed his life: He had just found out he had won the Nobel Prize in Physics for 2009 "for the invention of an imaging semiconductor circuit -- the CCD sensor."

Smith will share the prize money with two other recipients: Charles K. Kao, of Standard Telecommunication Laboratories in the United Kingdom and Chinese University of Hong Kong in Hong Kong, China, and Willard S. Boyle, of Bell Laboratories. Read the full ARRL news story at <http://www.arrl.org/news/stories/2009/11/03/11182/?nc=1>

The CCD -- invented in about an hour over lunch when Smith and Boyle worked together at New Jersey's Bell Labs -- was, according to *Wired Magazine*, the first practical way to let a light-sensitive silicon chip store an image and then digitise it. In short, it is the basis of today's digital camera.

According to *Wired*, the "most amazing thing about the invention" is that Boyle and Smith came up with the design so quickly. With Bell Labs threatening to take the funds from their department and transfer the money to other research, Boyle had to come up with a competing semiconductor design. He got together with Smith, and within an hour, they came up with the idea and sketched it all out on a blackboard.

"One morning in October, 1969," Boyle wrote on his Web site, "I was challenged to create a new kind of computer memory. That afternoon, I got together with George Smith and brainstormed for an hour or so on a new kind of semiconductor device, drawing a few sketches and equations on a blackboard. We called it a charge-coupled device: A 'CCD.' When we had the shops at Bell Labs make up the device, it worked exactly as expected, much to the surprise of our colleagues."

For their invention of the CCD, Smith and Boyle have also jointly received the Franklin Institute's Stuart Ballantine Medal in 1973, the 1974 IEEE Morris N. Liebmann Memorial Award and the 2006 Charles Stark Draper Prize.

November

ZS10WCS operated by the North West ARC

7 National Marine Day
8 Remembrance Sunday
11 Armistice Day
14/15 WAEDC RTTY Contest;
Japan DX SSB
15 Suggestions for 2010 SARL Contest Manual
21/22 SARL HF Field Day
28/29 CQ WW DX CW Contest
30 Closing date SARL Council



Radio St Helena Day - 14 November

If you like to listen out for rare shortwave stations then this is for you. Amateur Radio Newslines's Jim Davis, W2JKD:

Radio St. Helena Day will be on Saturday 14 November 2009. This rare station is located on the Island of St Helena, which lies in the South Atlantic off the coast of Angola.

The station normally provides a local radio service to the island and has a range of about 100 km. However, once a year it broadcasts internationally on Shortwave at 11.092.5 MHz on upper sideband with its famed Party On-The-Air programme.

This year's operation will begin at 20:00 UTC and conclude at 01:00 UTC with the last 90 minutes beaming toward North America, Central America and the Caribbean. A special QSL card will be available to confirm reception reports.

To get a QSL from Radio St Helena, you must send a written and verifiable reception report by Air Mail and include sufficient return postage to Radio St Helena, PO Box 93, Jamestown, St Helena, STHL 1ZZ, South Atlantic Ocean. Mark your envelope via Air Mail via United Kingdom & Ascension. In addition, less we forget, e-mail reports will be not be verified and off air recordings cannot not be returned. At least that is what the press release says.

For those not aware, Saint Helena was named after St Helena of Constantinople.

Contest News

SARL 80 Metre QSO Party. The contest committee has released the results of the second leg of the SARL 80 Metre QSO Party.

- 1st Jan Botha, ZS4JAN, 630 points
- 2nd Charles le Roux, ZS1CF, 415 points
- 3rd Theuns Potgieter, ZS2EC, 265 points
- 4th Sasolburg ARC, ZS4SRK, 255
- 5th Geoff Levey, ZS6GRL, 230 points
- 6th World Cup Soccer, ZS10WCS, operated by Dave, ZS1SG, 205 points

The combined results of the first and second legs.

- 1st Jan Botha, ZS4JAN, 1 490 points
- 2nd Geoff Levey, ZS6GRL, 685 points
- 3rd Theunis Potgieter, ZS2EC, 620 points
- 4th Pierre van Deventer, ZS6BB, 575 points
- 5th Adventure Radio Club, ZS1ARC, 565 points
- 6th Marius Preston, ZS4MP, 565 points
- 7th Philip Esterhuizen, ZU4PE. 530 points [now ZS4PJ]
- 8th Pieter Jacobs, ZS6XT, 505 points
- 9th Charles le Roux, ZS1CF, 415 points
- 10th Erens Swanepoel, ZS6EFG, 275.
- 11th Sasolburg ARC, ZS4SRK, 255
- 12th World Cup Soccer, ZS10WCS, 205 points operated by Dave Perry, ZS1SG
- 13th Paul Grobbelaar, ZS4PG, 195 points
- 14th Dennis Wheeler, ZR6DNS, 185 points



15th Dennis Green, ZS4BS/6, 135 points
16th Ean Retief, ZSIPR, 60 - Check log

DXCC News

The following operation is approved for DXCC credit:

VQ9JC - Chagos Island, Current operation

This operation was previously rejected as a shipboard operation. DXCC exchanged correspondence with the operator and determined that this operation was actually land-based thereby satisfying the conditions of DXCC Rule 8. If you had this operation rejected, send an email to dxcc@arrl.org to receive credit

Pirate

The station signing TL8/IZ2EVL on 26 October was a pirate. The genuine Emanuela, IZ2ELV, was in Italy and she does not operate CW.

Sweden bans polluting PLT equipment

A CEPT Electronic Communications Committee report notes that Sweden has removed from the market some of the Powerline Networking equipment that pollutes the radio spectrum. The 54th meeting of the CEPT Working Group Spectrum Engineering in Bordeaux covered recent developments of the harmonised emission standard for IT equipment EN55022. Mention of the Swedish action in withdrawing polluting PLT equipment appears under '13 EMC' in the Working Group report. If you wish to read this in full, just type 'Working Group Spectrum Engineering Bordeaux' into your favourite search engine and go to the www.ero.dk reference you will see listed.

DX from Africa

Senegal, 6W. Stan, 6W/EI6DX, will be active from Somone (70 km southeast of Dakar) from 7 to 16 November. He plans to focus on the low bands and CW. Stan wants to take part in the JA DX Contest. QSL via bureau or direct to RX3RC. Updates can be found at <http://www.ei6dx.com/senegal>

Madagascar 5R, (Update/Also ZS5). Sam, G4OHX, will be active as 5R8HX from Madagascar (IOTA AF-013 and WLOTA L2455) between 28 December 2009 and 3 January 2010. Activity will be mainly CW. He will also be active from South Africa as ZS5/G4OHX between 4 and 17 January. QSL via his home call sign direct only.

Tanzania, 5H. Harald, DL7VSN / 5H1HS, will be touring Tanzania in November, and will operate mainly on CW and RTTY on the HF bands using 100 watts and various dipole antennas. He will be active from 1 November from the Kilimanjaro area, and from 18 November from the Serengeti and Tarangire National Park. If flight/boat plans go well, he will also try to go and operate from an IOTA group for one or two days. QSL via home call.





Zambia, 9J. Niko, S53A, will once again be active as 9J3A from The Hippo Lodge, (see <http://www.hippolodge.com>), Kafue National Park, between 25 and 30 November. He also plans to be active during the CQ WW DX CW Contest (29/30 November) as a Single-Op/Low-Power entry. His equipment will be an IC-7000, spiderbeam for the high bands (20 - 10 m), 80 m vertical and a 40 m 2 element wire delta loop. QSL via S57S direct to: Aleksander Zagar, Golisce 132, SI-1281 Slovenia.

Canary Islands, EA8. Mauri, OH2BYS, will once again be active as EA8CMX from Galdar, Isla de Gran Canaria (AF-004, DIE S-005, WLOTA L0969), during the CQ WW DX CW Contest as a Single-Op/Single-Band (???) entry. QSL via OH2BYS.

Canary Islands, EF8. Val, RD3AF, will be active as EF8M from Santa Maria de Guia, Las Palmas Gran Canaria (AF-004, DIE S-005, WLOTA L 0969) during the CQ WW DX CW Contest as a Single-Op/All-Band/ High-Power entry. QSL via UA3DX.

Liberia, EL. Chris, ZS6RI (ZS8IR, ZD9IR, 5H9IR), is expected to be here for about six weeks starting at the beginning of November. His call sign will be EL8RI. Activity will be QRP on the HF bands (mentioned 40, 20 and 30 m) using CW, SSB and the Digital modes. After his 6-week stay, he will return home and then return to EL-land after 3 weeks. QSL EL8RI via ZS6RI.

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 26 October to 3 November 2009

ARS Spartan Sprint
02:00 - 04:00 UTC 3 November
Mode: CW
Bands: 80, 40, 20, 15 and 10 m
Classes: Skinny; Tubby
Max power: 5 watts
Exchange: RST, state, province or country and Power
Work stations: Once per band
Submit logs by: 5 November 2009
E-mail logs to:
[spartansprint\[at\]yahoo\[dot\]com](mailto:spartansprint[at]yahoo[dot]com)
Mail logs to: (none)
Find rules at:
<http://arsqrp.pbwiki.com/SpartanandSprints>

NCCC Sprint
02:30 - 03:00 UTC 5 November
Mode: (see rules)
Bands: (see rules)
Classes: (none)
Exchange: (see rules)
Score Calculation: Total score = total QSO points x total mults

Submit logs by: 7 November 2009
E-mail logs to: (none)
Post log summary at:
<http://www.hornucopia.com/3830score/>
Mail logs to: (none)
Find rules at:
<http://www.ncccsprint.com/rules.htm>

NCCC Sprint
02:30 - 03:00 UTC 6 November
Mode: (see rules)
Bands: (see rules)
Classes: (none)
Exchange: (see rules)
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 8 November 2009
E-mail logs to: (none)
Post log summary at:
<http://www.hornucopia.com/3830score/>
Mail logs to: (none)
Find rules at:
<http://www.ncccsprint.com/rules.htm>

**IPARC CW Contest**

06:00 - 10:00 UTC and 14:00 - 18:00 UTC 7 November

Mode: CW

Bands: 80, 40, 20, 15 and 10 m

Classes: Single Op; Multi-Single; Multi-Multi; SWL

Exchange: USA IPA Members: RST, Serial No, "IPA" and State; non-USA IPA Members: RST, Serial No and "IPA"; non-IPA Members: RST and Serial No

Work stations: Once per band

QSO Points: 1 point per QSO; 5 points per QSO with IPA Member

Multipliers: Each country once; Each US state once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 December 2009

E-mail logs to: dj6qq@darcdarc.de

Mail logs to: Uwe Greggersen, DL6QQ, Hurststr 9, D-51645 Gummersbach, Germany

Find rules at:

<http://www.ipa-rc.de/cont-e.htm>

Ukrainian DX Contest

12:00 UTC 7 November to 12:00 UTC 8 November

Mode: CW, SSB

Bands: 160, 80, 40, 20, 15 and 10 m

Classes: Single Op All Band Mixed - CW and SSB - QRP, Low or High; Single Op All Band - CW and SSB - QRP, Low or High; Single Op Single Band Mixed - CW and SSB; Multi-Single Mixed - CW or SSB

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Ukraine: RS(T) and 2-letter oblast; non-Ukraine: RS(T) and Serial No

Work stations: Once per band per mode (CW/SSB)

QSO Points: 1 point per QSO with same country; 2 points per QSO with different country, same continent; 3 points per QSO with different continent; non-UR Stations: 10 points per QSO with Ukraine

Multipliers: UR Stations: each DXCC/WAE country once per band; non-UR Stations: each DXCC/WAE country once per band;

non-UR Stations: each Ukraine oblast once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 8 December 2009

E-mail logs to: [urdxcr\[at\]ukr\[dot\]net](mailto:urdxcr[at]ukr[dot]net)

Mail logs to: Ukrainian Contest Club HQ, PO Box 4850, Zaporozhye 69118, Ukraine

Find rules at:

http://www.ucc.zp.ua/urdxcr2009rules_eng.htm

ARRL Sweepstakes CW Contest

21:00 UTC 7 November to 03:00 UTC 9 November

Mode: CW

Bands: 160, 80, 40, 20, 15 and 10 m

Classes: Single Op - QRP, Low, High or Unlimited; Multi-Op; School Club - College, Technical or Secondary

Max operating hours: 24 with at least 30 minute off times

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: Serial No, Precedence (Q, A, B, U, M or S), your call sign, Check and ARRL/RAC Section

Work stations: Once only

QSO Points: 2 points per QSO

Multipliers: Each ARRL/RAC section and VE NT once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 03:00 UTC 24 November 2009

E-mail logs to: [SSCW\[at\]arrl\[dot\]org](mailto:SSCW[at]arrl[dot]org)

Mail logs to: November SS CW, ARRL, 225 Main St., Newington, CT 06111, USA

Find rules at:

<http://www.arrl.org/contests/rules/2009/novss.html>

NA Collegiate ARC CW Championship

21:00 UTC 7 November to 03:00 UTC 9 November

Mode: CW

Bands: 160, 80, 40, 20, 15 and 10 m

Classes: School Club (College)





Max operating hours: 24 with at least 30 minute off times
Max power: HP: >150 watts; LP: 150 watts;
QRP: 5 watts
Exchange: Serial No, Precedence (Q, A, B, U, M or S), your call sign, Check and ARRL/RAC Section Work stations: Once only
QSO Points: 2 points per QSO
Multipliers: Each ARRL/RAC section and VE NT once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 03:00 UTC 24 November 2009
E-mail logs to: [SSCW\[at\]arrl\[dot\]org](mailto:SSCW[at]arrl[dot]org)
E-mail log summary to: [wm5r\[at\]wm5r\[dot\]org](mailto:wm5r[at]wm5r[dot]org)
Mail logs to: November SS CW, ARRL, 225 Main St., Newington, CT 06111, USA
Find rules at: <http://www.collegiatechampionship.org/rules>

SKCC Weekend Sprint
00:00 - 24:00 UTC 8 November
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 and 6 m
Classes: (none)
Exchange: RST, Name, state, province or country and SKCC No or "NONE"
Work stations: Once per band
QSO Points: 1 point per QSO
Bonus Points: (see rules)
Multipliers: Each state, province or country once
Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: 13 November 2009
Post log summary at: <http://www.skccgroup.com/sprint/wes/wes-submit.html>
Mail logs to: (none)
Find rules at: <http://www.skccgroup.com/sprint/wes/>

IPARC SSB Contest
06:00 - 10:00 UTC and 14:00 - 18:00 UTC 8 November
Mode: SSB
Bands: 80, 40, 20, 15 and 10 m
Classes: Single Op; Multi-Single; Multi-Multi; SWL
Exchange: USA IPA Members: RS, Serial No, "IPA" and State; non-USA IPA Members: RS, Serial No and "IPA"; non-IPA Members: RS and Serial No
Work stations: Once per band
QSO Points: 1 point per QSO
5 points per QSO with IPA Member
Multipliers: Each country once; Each US state once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 31 December 2009
E-mail logs to: [dj6qq\[at\]darc\[dot\]de](mailto:dj6qq[at]darc[dot]de)
Mail logs to: Uwe Greggersen, DJ6QQ, Hurststr 9, D-51645 Gummersbach, Germany
Find rules at: <http://www.ipa-rc.de/cont-e.htm>

DARC 10-Meter Digital Contest
11:00 - 17:00 UTC 8 November
Mode: RTTY, Amtor, Clover, PSK31, Pactor
Bands: 10 m Only
Classes: Single Op; SWL
Exchange: RST and Serial No
QSO Points: 1 point per QSO
Multipliers: Each WAE/DCXX area; Each W/VE call area
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 8 December 2009
E-mail logs to: [df5bx\[at\]darc\[dot\]de](mailto:df5bx[at]darc[dot]de)
Mail logs to: Werner Ludwig, DF5BX, PO Box 1270, 49110 Georgsmarienhütte, Germany
Find rules at: <http://www.darc.de/referate/ukw-funksport/sonder/tei-digi.htm>

Next Week's Contests

RSGB 80 m Club SSB Sprint, 20:00 - 21:30 UTC 12 November
NCCC Sprint, 02:30 - 03:00 UTC 13 November

SARL HF Field Day 21 & 22 November * CQ WW DX CW Contest 28 & 29 Oct 



Bill Windle QSO Party, 00:00 - 23:59 UTC 14 November
WAE DX Contest, RTTY, 00:00 UTC 14 November to 23:59 UTC 15 November
JIDX Phone Contest, 07:00 UTC 14 November to 13:00 UTC 15 November
OK/OM DX CW Contest, 12:00 UTC 14 November to 12:00 UTC 15 November
Kentucky QSO Party, 14:00 UTC 14 November to 02:00 UTC 15 November
CQ-WE Contest, 19:00 - 23:00 UTC 14 November (CW and Digital); 01:00 - 05:00 UTC 15 November (Phone); 19:00 - 23:00 UTC 15 November (Phone); 01:00 - 05:00 UTC 16 November (CW and Digital)
Run for the Bacon QRP Contest, 02:00 - 04:00 UTC 16 November

This week in History

1891 P.B. Browning patents first mailbox.
[IRTS Radio news]

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, Q-News, the RSGB News, Maurice, F5NQL, Southgate ARC and Pete's DX Newsdesk.

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